

## METHOD AND APPARATUS FOR SCHEDULING TRANSMISSIONS IN WIRELESS DATA NETWORKS

### ABSTRACT

5        A method and apparatus for scheduling data transmissions is disclosed  
that reduces the delay variability in transmissions of data. A scheduling metric  
is calculated as a function of a TCP throughput rate for each mobile terminal in  
the system. The relative value of this metric for a user is used to schedule data  
transmissions from that user. As a result, TCP time-outs are reduced or  
10    avoided and the throughput and the predictability of system performance are  
increased.